EvoCam 4 User Guide

About EvoCam

EvoCam is the ultimate live streaming and security camera software for OS X.

EvoCam features industry-standard H.264 video and AAC audio streaming. With support for both RTSP over HTTP and HTTP Live Streaming using HTML5, EvoCam can be viewed using Safari on OS X, iPod Touch (3rd generation or later), iPhone (3GS or later) and iPad - without the need to install an app. Network configuration is simple too, with only one port to forward on your router.

EvoCam also features Actions, a powerful and flexible way to perform a variety of tasks when certain conditions occur. You can use Actions to create timelapse movies, record movies when motion or sound is detected, publish a webcam image on a web server via FTP, or integrate EvoCam with your security system or home automation software.

About this User Guide

Please read this user guide to familiarize yourself with EvoCam's features. You can access this user guide from within EvoCam by choosing 'Help > EvoCam User Guide', and you can print it using 'File > Print'.

Please support Evological

It is your feedback that allows our products to continue evolving, so please send all feedback to support@evological.com. And of course, there's no better way to show your appreciation than purchasing our software.

Thank you for choosing EvoCam!

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Describes how to use EvoCam's Actions to perform tasks when certain conditions occur. Actions allow for an almost unlimited amount of customization, and enable complex tasks such as creating timelapse movies, recording when motion is detected, or allowing EvoCam to communicate with other software for home automation and security applications.

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Documents, Canvas and Items

Documents

When EvoCam is first launched it will automatically create a new document window. A document represents a single broadcast or recording with video and audio streams. You can have multiple documents open simultaneously - each document is completely independent, and video/audio devices can be shared between documents.

Documents must be open to be active. However, you can hide a document but leave it active using ‘File > Hide and Leave Active’. To show a previously hidden window, use ‘File > Show Hidden’.

To reduce overhead when EvoCam is not recording or streaming a document, choose ‘Options > Auto Connect to Cameras’. When this option is selected, camera items will only be active when the document is actively recording or streaming. Note: this option cannot be used in conjunction with motion detection, or actions which use still images (saving, uploading, emailing, archiving, etc).

You can specify in EvoCam’s Preferences whether documents from the previous session are automatically re-opened when launching EvoCam.

Settings

Most of the settings for a document are located in the area on the left of the document’s window. These settings can be hidden using ‘View > Hide Settings’.

For more information on the controls in the settings pane, please refer to the Streaming, Recording and Actions chapters.

Canvas

The area on the right of the document’s window is the canvas. The canvas is where you define the overall size and layout of the image that is broadcast or recorded.

The content of the image, including video from cameras, is provided by objects called items. Items can be positioned on the canvas manually, or using Autosizing, where the item snaps automatically to a preset location on the canvas, even if the canvas is resized.

By default, EvoCam adds a camera item (whose Autosizing is set to Fill Canvas), a text item (whose Autosizing is set to Bottom Left) and a clock item (whose Autosizing is set to Bottom Right). You can choose which items are added to new windows in EvoCam’s Preferences.

The size and background color of the canvas can be adjusted using the Inspector palette.

Items

Items provide the content of the image, including video from cameras and overlays containing text, images and timestamps. A special Sensor item is used to specify an area of the image which should be analyzed for motion - these items don't appear in the broadcast or recorded image.

A document can have any number of items on its canvas. Items are usually layered in order of creation, but you can use the 'Items' menu or the 'Forward' and 'Backward' controls in the window's toolbar to arrange items in the desired order.

The following items can be placed on the canvas:

Item	Description
Camera	Displays the video stream from a camera or video input device. To combine video streams from multiple cameras, you can add several camera items to the same canvas. To choose the camera or video input device, use the controls in the Inspector palette.
Sensor	Analyzes the video stream for motion. Sensor items are used to trigger actions in the Actions tab. See 'Sensor Items' below for more information on calibrating a sensor item, and the Actions chapter for more information on how to use sensors to trigger actions.
Text	Displays a text message. Text items can contain multiple font styles, and support changing of their text via AppleScript.
Clock	Displays the current date and time in a variety of formats. Clock items can only contain a single font style.
Ticker	Displays a scrolling text message loaded from a plain text file or RTF (Rich Text Format) file. Any changes to this file outside EvoCam will be reflected in the ticker item when it returns to the top of the file.
Media	Displays an image or movie file. Media items can also periodically load an image from a URL (Uniform Resource Locator) so you can incorporate content such as weather information in your image.

Once you have created an item, you can adjust the item's properties using the Inspector, Colors and Fonts palettes.

For camera items which are associated with a pan/tilt/zoom capable camera, you can control the camera and adjust its nightvision settings using the Controller palette.

Sensor Items

Sensor items are special items that do not appear in the broadcast or recorded image. Instead, they define the areas of the image where you want EvoCam to analyze for motion.

Each sensor item can be individually enabled or disabled, and you can choose whether the sensor item highlights motion occurring inside it using the ‘Show motion’ setting.

The ‘Threshold’ slider determines how much overall motion needs to occur to trigger the sensor. The ‘Motion’ bar graph shows how much motion is currently occurring. The sensor will trigger if this amount reaches the amount set on the ‘Threshold’ slider.

The ‘Noise Gate’ slider determines how much each pixel has to change before being considered motion. If your camera is particularly noisy (i.e. you see speckling in the sensor when no actual motion is occurring) you may need to increase this setting to filter out the noise.

To calibrate a sensor item, first make sure ‘Show motion’ is enabled, then set the ‘Noise Gate’ slider to its left-most position, and slowly adjust it towards the right until you see only slight speckling in the sensor area. Then adjust the ‘Threshold’ slider to set the amount of motion that needs to occur before the sensor is triggered.

When no motion is occurring, the sensor’s border will be green. When motion is detected, the sensor’s border will flash red. If the sensor is currently ignored (as the result of an ‘Ignore all sensors’ action for example) the sensor’s border will be gray.

Lighting changes due to clouds and movement of objects or shadows due to wind can sometimes trigger EvoCam’s sensors. To reduce false triggers, try to position sensor items over a smaller area rather than the entire canvas.

Streaming

About Streaming

EvoCam features industry-standard H.264 video and AAC audio streaming. With support for both RTSP over HTTP and HTTP Live Streaming using HTML5, EvoCam can be viewed using Safari on OS X, iPod Touch (3rd generation or later), iPhone (3GS or later) and iPad - without the need to install an app. Network configuration is simple too, with only one port to forward on your router.

Enabling EvoCam's web server

If any open document has 'Enable web server' checked, EvoCam's web server will automatically be enabled. You can use EvoCam's Preferences to specify global web server settings that apply to all documents, such as the web server port to use or whether to advertise EvoCam's server via Bonjour on your local network.

EvoCam automatically selects the appropriate streaming method to use depending on the viewer's browser. For Safari on both OS X and iOS, EvoCam will use HTTP Live Streaming. For FireFox, EvoCam will use RTSP streaming using the QuickTime plugin. For Chrome, EvoCam will use Motion JPEG.

A Wi-Fi connection is highly recommended when using an iPod, iPhone or iPad. Make sure your data plan includes sufficient or unlimited data if you intend to connect to EvoCam using a cellular connection.

Accessing documents via EvoCam's web server

EvoCam automatically assigns a unique prefix to each new document. This prefix (not the document's name) is used to determine the URL of that document when it is accessed via EvoCam's web server. For example, if your EvoCam server's IP address is 1.2.3.4 and the document's prefix is 1, then the URL for that document would be:

    http://1.2.3.4:8080/1/stream.html

When working with multiple documents, it is important to make sure each prefix is unique. The prefix must contain only alphanumeric characters, and the prefix 'admin' is reserved for use by EvoCam's Remote Administration feature.

Restricting access to a document's stream

To restrict access to a document's stream, add one or more users to the list in the Streaming tab. Each user can be individually enabled or disabled.

If no users are specified, or the special 'Everyone' user is enabled in the list, the document's stream can be viewed by anyone without using a password. Otherwise, the stream can only be viewed only by the enabled users in the list using their password.

Configuring your network to allow access to EvoCam from the Internet

Note that the IP address shown in the Address field is often private to your local network and not accessible via the Internet. Private addresses are usually in the 10.0.1.x or 192.168.1.x address ranges. In these cases, you will need to configure your modem, router, and/or AirPort base station to forward requests on port 8080 through to the computer running EvoCam.

Before setting up port forwarding on your router, we recommend you configure your Mac to have a static IP address on your local network - this prevents your port forwarding settings becoming invalid if your Mac gets a new IP address from your router's DHCP server, which might happen if your Mac or your router is restarted.

Here is an example network configuration for your Mac, showing how to configure a static IP address with both AirPort and non-AirPort routers:

Configure IPv4	Manually
IPv4 Address	10.0.1.201 (or 192.168.1.x for non-AirPort routers)
Subnet Mask	255.255.255.0
Router	10.0.1.1 (or 192.168.1.1 for non-AirPort routers)
DNS Servers	Leave blank (or use servers specified by your ISP)

Most routers need the following information when setting up port forwarding:

Protocol	TCP/IP
External Port	8080
Internal Port	8080
Internal IP Address	Use address shown in Streaming tab

After you've configured your router to forward requests through to EvoCam, you will be able to connect to your router's public IP address to access EvoCam. If you don't know your public IP address, visit our IP address page to find out:

http://www.evological.com/ip.html

If your IP address is dynamically assigned by your ISP and changes periodically, we recommend you use a dynamic DNS service. This allows you to register a textual address and map it to your numerical IP address. You then run a small background application on your Mac which updates the DNS servers automatically whenever your IP address changes.

When using a dynamic DNS service, your EvoCam server is always accessible at the same URL, and you can put links to it from another webserver without having to specify the IP address.

Please check the EvoCam FAQ on our website for more information on this topic and links to helpful resources.

Using customized HTML

To customize EvoCam's web pages, you can provide a folder containing a replacement stream.html file, along with any other content (such as images or stylesheets) required by the stream.html file.

In your custom HTML, use an <evocam> tag where you want the video stream for the document to appear. EvoCam will replace this tag with the HTML markup necessary to display the stream.

Choose 'File > Customize HTML...' to specify a folder containing custom HTML content for a document.

Enabling Remote Administration

EvoCam's Remote Administration feature allows you to access open documents from a single URL, control pan/tilt/zoom cameras, start or stop recording, or trigger a document's actions. You can use EvoCam's Preferences to enable Remote Administration and specify an administrator username and password.

Once Remote Administration is enabled, you can go to http://1.2.3.4:8080/admin (where 1.2.3.4 is your EvoCam server's IP address) to view an overview of any open windows for which the web server is enabled.

Remotely controlling pan/tilt capable cameras

Pan/tilt capable cameras can be controlled simply by clicking towards the edge of the camera item in the direction you want to pan/tilt. For example, click towards the left edge of a camera item to pan left.

To zoom in or out on zoom capable cameras, hold down Option while clicking in the lower half of the image to zoom in, or the upper half of the image to zoom out.

Remotely controlling recording and triggering actions

The Remote Administration web interface has its own menubar which allows you to choose a window to view, start or stop recording for a document, or trigger a document's actions.

To choose a window, use the Window menu to choose the desired window. To revert to showing all windows, choose 'Window > All'.

To start or stop recording for a window, first select the window using the ‘Window’ menu, then choose ‘Actions > Start Recording’ or ‘Actions > Stop Recording’.

To trigger any action sets which have a ‘When triggered from web server’ condition, first select the window using the ‘Window’ menu, then choose ‘Actions > Trigger Actions’ from the menubar.

Recording

About Recording

EvoCam can record everything on the canvas to a movie file. You can use the 'File > Start Recording' menu command or the 'Start Recording' button in the document's toolbar to start recording.

Note: If you are using Actions to record movies when motion is detected, you don't need to start recording yourself, the action will do its own recording. Also, actions don't use the segmenting or deleting options in the Recording tab.

Destination folder

All recordings are saved in the destination folder. Click the folder icon or drag in a new destination folder to specify another location.

Segmented recordings

When using EvoCam to record continuously, you should check the 'Record in 1 hour segments' checkbox. This will cause EvoCam to automatically start a new timestamped recording every hour.

Deleting old segments

When segmented recording is enabled, EvoCam can automatically delete any segments older than a specified age from the destination folder. You can choose to delete segments at a variety of intervals from 1 day to 1 month.

Standby recording buffer

EvoCam's standby recording feature allows recording actions specified in the Actions tab to start recording video and audio 5 seconds before the action was triggered. This is useful for motion or sound detection, where you want to include the 5 second period before the motion or sound was detected in the recorded movie.

Recording continuously according to a schedule

To control when EvoCam continuously records, you can add one or more time periods to the list in the Recording tab. EvoCam will start and stop recording automatically during these time periods.

Note: Recording cannot be manually started or stopped while any time periods in the recording schedule are enabled. Also, EvoCam will always record in 1 hour segments when recording according to a schedule.

Actions

About Actions

Actions allow you to perform a variety of tasks when certain conditions occur. You can use Actions to create timelapse movies, record movies when motion or sound is detected, publish a webcam image on a web server via FTP, or integrate EvoCam with your security system or home automation software.

Use the ‘Actions’ tab in the document window to configure actions.

Action Sets

Actions are organized into sets. A set contains a list of one or more time periods, one or more conditions, and one or more actions. A set is active whenever any of its time periods are active. The set will be triggered whenever any of its conditions occur.

When a set is triggered, its actions are performed simultaneously in no particular order, except for any actions which play sounds or speak text which are performed in the order they appear in the set. See below for more on reordering elements in an action set.

An action cannot be triggered again until it has completed, except for the ‘Record movie’ action which will extend recording by the specified duration if it is still recording.

Time periods, conditions and actions can be reordered in the set by clicking anywhere in the empty space in the element and dragging vertically up or down. Order is only important for actions which play sounds or speak text. Time periods and conditions can appear in any order.

You can control-click an element in the list to show a contextual menu with commands specific to that element. For example, actions which can be cancelled have a ‘Cancel action’ command, actions that email or upload files have a ‘Show transcript’ command.

Enabling Multiple Action Sets

A document can have multiple action sets. For example, you could have one action set which is active only on weekends, and another active only on weekdays.

Use the ‘Options > Show Multiple Action Sets’ menu command to enable multiple actions sets for a document. Once multiple action sets are enabled, you can add, remove or rename action sets.

Time Periods

The following time periods are available from the popup menu. Each time period can be individually enabled or disabled. If no time periods are enabled, the set is never active. If no time periods are specified, the set is always active.

Time Period	Description
Daily	All day every day, weekdays, weekends or a specific day of the week.
Daily within time range	Within a start and end time every day, weekdays, weekends or a specific day of the week.
Daily when it is daytime/nighttime	When it is daytime/nighttime every day, weekdays, weekends or a specific day of the week. Daytime hours are from sunrise to sunset, automatically calculated using the location specified in EvoCam's Preferences.
Daily when any camera detects daylight	When any camera detects light above the specified level every day, weekdays, weekends or a specific day of the week.
When document is online/offline	Whenever the document's 'Online' state is equal to the specified state. To toggle the online state of the document, use 'File > Online' (⌘L). This allows you to quickly toggle scheduled actions or scheduled recording on and off, or switch between an 'online' set of actions and an 'offline' set of actions.
When computer is in use / not in use	Whenever the computer's user activity state is equal to the specified state. Access for assistive devices must be enabled in 'System Preferences > Accessibility' to allow EvoCam to determine if the computer is being used. Note: EvoCam does not run if the computer is off or asleep.

Conditions

The following conditions are available from the popup menu. Each condition can be individually enabled or disabled. If any enabled condition occurs, the set's actions will be performed. If no conditions are specified, the set's actions will never be performed.

Condition	Description
Every x seconds/minutes/hours	Periodically with any time interval expressed in units of seconds, minutes or hours. To hide or show the progress bar, control-click on the condition and choose 'Hide/Show progress bar' from the popup menu.
Every day at a specific time	Periodically every 24 hours at a specific time of day.
When any network camera connection fails	When the connection to a network camera is lost, or the connection stalls.
When any sensor detects motion	When any of the document's sensor items detect motion.
When named sensor detects motion	When any sensor item with the specified item name detects motion. Leave the sensor name blank to use all sensor items, otherwise specify the sensor's name as shown in the Inspector palette.
When sound is detected	When the sound level from the document's audio input device exceeds a specified level.
When triggered manually	When the 'Now' button is clicked. This condition will override any time periods specified.
When triggered from a script	When the 'trigger actions' AppleScript command is received by the document.
When triggered from administration page	When the 'Actions > Trigger Actions' menu command is used in the Remote Administration web interface.
When triggered by HTTP request	When the HTTP request shown is received by the web server. An optional parameter can be specified allowing you to create different HTTP requests for different action sets.

Condition	Description
When document is opened	When the document is opened.
When stream is viewed	When the document's stream is viewed via the web server.
When stream is viewed by named user	When the document's stream is viewed by the specified user via the web server.

Actions

The following actions are available from the popup menu. Each action can be individually enabled or disabled. Actions are performed simultaneously, with the exception of actions which play sounds or speak text, which are performed in order.

Action	Description
Record movie	Records a timestamped movie of the specified duration in a specified folder, optionally uploading the movie to the FTP server, appending the movie to another movie file, and deleting the local movie file.
Add image to timelapse archive	Adds the image to a named timelapse archive document in a specified folder, creating the archive if necessary.
Export timelapse archive as movie	Exports a timelapse archive as a named movie in the specified folder, optionally uploading the completed movie to the FTP server and optionally deleting the local movie file. Leave the movie name blank to use a timestamped movie name.
Upload timestamped image to server	Uploads a timestamped image to the FTP server.
Upload named image to server	Uploads a named image to the FTP server, replacing any existing image on the server.
Upload x most recent images	Uploads the specified number of most recent images to the FTP server, using the specified filename prefix. Images are renamed each time a new image is uploaded, so that the newest image is always Prefix001.jpg.
Save timestamped image	Saves a timestamped image in the specified folder.
Save named image	Saves a named image in the specified folder, replacing any existing image in the folder.
Save x most recent images	Saves the specified number of most recent images in a folder, using the specified filename prefix and index ordering. With chronological ordering, images are renamed so the newest image is always Prefix001.jpg. With sequential ordering, each index is used in sequence.

Action	Description
Email image	Emails an image using the default email settings specified in EvoCam's Preferences.
Send email	Sends an email to a specified address, with a specified subject and message, optionally including the image as an attachment.
Run action set after delay	Runs the specified action set after a specified delay, allowing you to daisy-chain action sets.
Run script	Runs the specified AppleScript script.
Run shell script	Runs the specified shell script file.
Send image to workflow	Sends the image to the specified Automator workflow.
Send HTTP request	Sends the specified HTTP request, ignoring any returned data.
Play sound	Plays the specified sound file.
Speak text	Speaks the specified text using the current text-to-speech settings in System Preferences.
Bounce application icon	Causes EvoCam's icon to bounce in the Dock when EvoCam is not the frontmost application.
Go to PTZ preset	Moves the camera attached to the specified camera item to the specified PTZ preset.
Set camera IR illumination mode	Sets the IR illumination mode of the camera attached to the specified camera item.
Ignore all sensors	Invalidates all of the document's sensor items for the specified duration, allowing you to limit how often actions are performed.
Ignore named sensor	Invalidates all of the document's sensor items with the specified item name for the specified duration, allowing you to limit how often actions are performed by a specific sensor.
Set named text item contents	Sets the contents of all of the document's text items with the specified item name to the specified text. Occurrences of <TIME>, <DATE> and <SONG> are replaced by the current time, current date and current iTunes song name, respectively.

Warning Icons

If an error occurs while evaluating a condition or performing an action, a ⚠ warning icon will be shown in the Actions tab. Click the warning icon for more information on how to resolve the issue. For emailing and uploading actions, clicking the warning icon will open a transcript of the session showing the error.

Viewing an Action's Transcript

To view the last transcript for emailing and uploading actions, control-click on the action and choose 'Show transcript' from the popup menu.

Example Action Sets

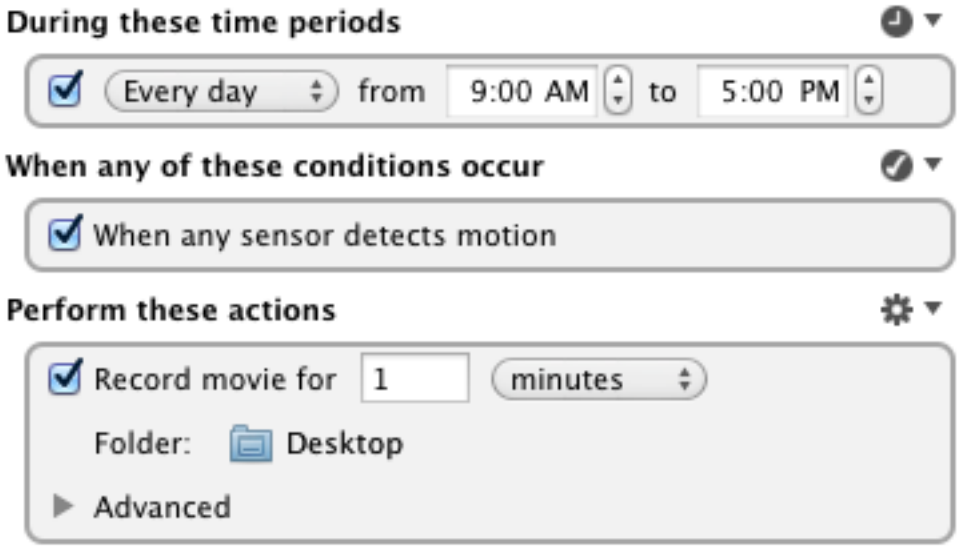
The following pages show example action set configurations for common uses of EvoCam - uploading a webcam image to a server, recording movies when motion is detected, creating timelapse movies, and creating a simple intruder alert system.

Example 1 - Uploading a 'webcam.jpg' image to a web server every 30 seconds

This example shows a typical 'webcam' scenario, where EvoCam replaces an image named 'webcam.jpg' on an FTP server every 30 seconds, 24 hours a day.

Example 2 - Recording for 1 minute when motion is detected from 9am to 5pm

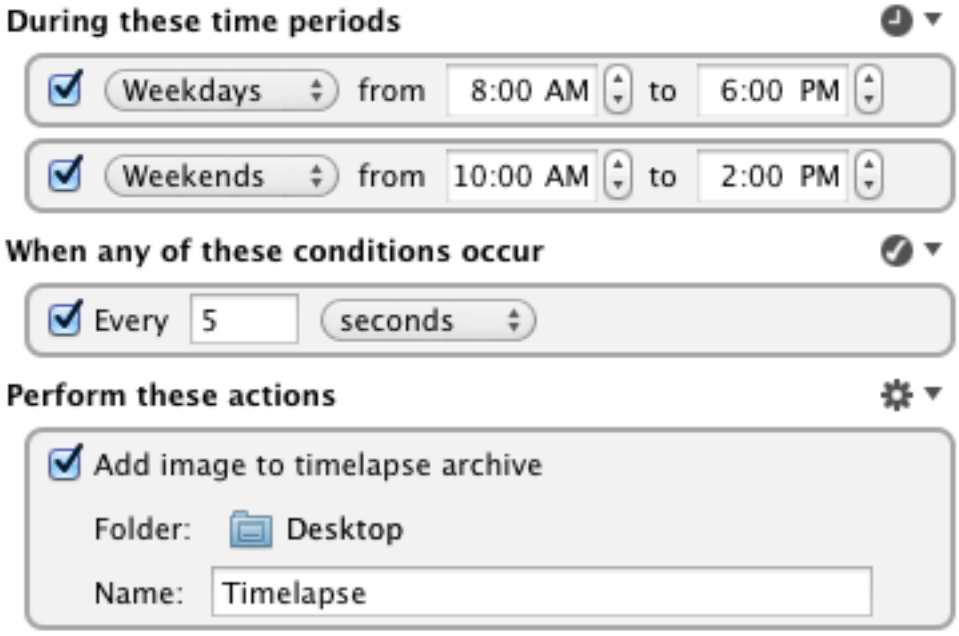
This example shows a typical 'security' scenario, where EvoCam records for 1 minute when motion is detected by any sensor item on the canvas, between 9am and 5pm.



Note: To limit how often recording can occur, add an 'Ignore all sensors' action to the above scenario. For example, to limit recording to one movie every 5 minutes:

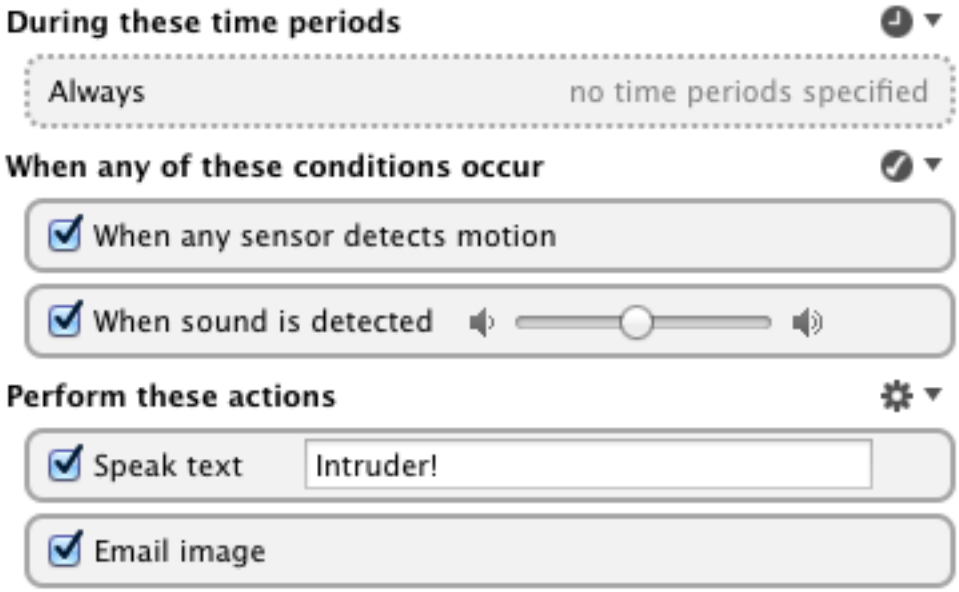
Example 3 - Creating a timelapse movie

This example shows a typical ‘timelapse’ scenario, where EvoCam adds an image to a timelapse archive every 5 seconds, between 8am and 6pm on weekdays, and between 10am and 2pm on weekends.


During these time periods
Weekdays from 8:00 AM to 6:00 PM
Weekends from 10:00 AM to 2:00 PM
When any of these conditions occur
Every 5 seconds
Perform these actions
Add image to timelapse archive
Folder: Desktop
Name: Timelapse

Example 4 - Simple intruder alarm

This example shows a typical ‘intruder alarm’ scenario, where if either motion or sound is detected EvoCam announces ‘Intruder!’ and sends an email with an image attached.


During these time periods
Always no time periods specified
When any of these conditions occur
When any sensor detects motion
When sound is detected
Perform these actions
Speak text Intruder!
Email image

Network Cameras

About network cameras

In addition to the built-in camera and audio inputs on your Mac, you can use a wide range of network cameras with EvoCam. Network cameras (also known as IP cameras) have their own built-in web servers which EvoCam connects to in order to receive video from the camera.

EvoCam also supports several video servers, which are similar to network cameras, but are instead used to connect composite video cameras to a network so they can be accessed as network cameras.

Using a supported network camera

To use a supported network camera with EvoCam, you will need to add an entry for the camera in the 'Network Cameras' section of EvoCam's Preferences. Enter the following information:

Name	A descriptive name for the camera, for example 'Office'.
IP Address	IP address of the camera, including the port number if necessary.
Model	Choose the appropriate model setting for your camera.
Protocol	Whether to use RTSP for video/audio streaming from the camera.
Input	Input number (for video servers with multiple inputs only).
Username	Username required by camera (you may need to use an administrator account to control pan/tilt/zoom or nightvision)
Password	Password required by camera

Using an unsupported network camera

To use an unsupported network camera with EvoCam, you will need to know the path to either a JPEG image or Motion JPEG stream in addition to the above information.

Model	Choose 'Custom Network Camera'.
Path	Path to either a JPEG image or Motion JPEG stream.

EvoCam 4 Limitations

EvoCam 4 does not support all of the cameras supported by EvoCam 3. Also, support for RTSP is limited to select network cameras. Please contact us to request support for your camera in EvoCam 4, providing access details for your camera if possible.

Scripting

About scripting

EvoCam supports AppleScript scripting, allowing you to write scripts to change many of EvoCam's settings and control PTZ network cameras. You can view EvoCam's AppleScript dictionary by dropping the EvoCam application's icon onto the AppleScript Editor application's icon.

Using the 'Run script' action to send commands to EvoCam

In addition to using AppleScript Editor to write scripts and create script applications that control EvoCam, you can also use the 'Run script' action to send commands to EvoCam itself. For example, you could use a periodic condition to run a script every minute to update a text item with a custom clock format.

Example scripts

The following pages show example scripts for common tasks - enabling web server access, setting the title of a text item, triggering actions, and controlling a PTZ network camera. In each example the document name is "Example", change this to the name of the document you want to be the target of the command.

Example 1 - Enabling web server

This example shows how to enable the web server.

```
tell application "EvoCam"
    tell document "Example"
        set http enabled to true
    end tell
end tell
```

Example 2 - Setting title of a text item

This example shows how to set the title of a text item on the document's canvas.

```
tell application "EvoCam"
    tell document "Example"
        set title of text item "message" to "Good morning!"
    end tell
end tell
```

Example 3 - Triggering actions

This example shows how to trigger a document's actions. Note: the document must have an enabled 'When triggered from a script' condition.

```
tell application "EvoCam"
    tell document "Example"
        trigger actions
    end tell
end tell
```

Example 4 - Controlling PTZ network camera (pan/tilt/zoom/home)

This example shows how to control pan/tilt/zoom on a PTZ network camera.

```
tell application "EvoCam"
    tell document "Example"
        pan left camera item "video"
        pan right camera item "video"
        tilt up camera item "video"
        tilt down camera item "video"
        home position camera item "video"
    end tell
end tell
```

Example 5 - Controlling PTZ network camera (IR illumination)

This example shows how to control IR illumination on a PTZ network camera.

```
tell application "EvoCam"
    tell document "Example"
        ir off camera item "video"
        ir on camera item "video"
        ir auto camera item "video"
    end tell
end tell
```

Example 6 - Controlling a PTZ network camera (go to preset position)

This example shows how to move a PTZ network camera to a preset position. Note: preset positions are not supported on all network cameras.

```
tell application "EvoCam"
    tell document "Example"
        go to ptz preset camera item "video" preset name "doorway"
    end tell
end tell
```